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MONTANA OIL AND GAS
STATISTICAL BULLETIN

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BOARD OF OIL AND GAS CONSERVATION
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Vol. XX, No. 4 4 **APRIL, 1972**

Production of crude oil and condensate from the oil and gas areas of Montana for the month of April, 1972 averaged 94,111 barrels daily, an increase of 952 barrels from the average March, 1972 production of 93,159.

The nine refineries in the state processed 116,382 barrels of crude oil daily for the month of April, 1972, a decrease of 10,099 barrels from the 126,481 barrels processed daily during the month of March, 1972.

During April, 48 wells were completed, 5 oil, 6 gas and 37 dry holes.

During April the commission issued 54 permits to drill new wells, a decrease of 4 from the 58 permits issued during March.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF APRIL, 1972

IN STORAGE APRIL 1st	
By Producers	318,394
By Transporters	1,389,602
By Refiners	990,950
TOTAL STORAGE	2,698,946
Produced in Montana During Month	2,823,338
Imported During Month	2,884,476
TOTAL	8,406,760
DISPOSITION:	
Refined in Montana	3,491,474
Exported	1,285,141
Used for Fuel or Lost	1,718
TOTAL	4,778,333
IN STORAGE APRIL 30th	
By Producers	321,149
By Transporters	2,068,878
By Refiners	1,238,400
TOTAL STORAGE	3,628,427

NATURAL GAS WITHDRAWALS IN MONTANA

Month of April, 1972

Field	M. C. Ft.
Bell Creek	113,115
Big Coulee	87,349
Blackjack	45,021
Bowdoin	102,998
Bowes	32,548
Cabin Creek	93,818
Cedar Creek	188,827
Cut Bank (including Regan)	222,776
Dry Creek	19,026
Elk Basin	32,684
Flat Coulee	13,734
Gold Butte	— 0 —
Grandview	32,517
Hardin	884
Keith Block	73,390
Kevin Sunburst	28,451
Lake Basin	73,397
Middle Butte	2,138
Mt. Lilly	36,222
Pine	43,546
Plevna	1,298
South Devon	19,988
Tiger Ridge—Squaw Coulee	81,622
Trail Creek	8,219
Utopia	60,080
West Butte	132,755
Whitlash	54,401
Miscellaneous	219,349
TOTAL	1,820,153

Total Withdrawals for April, 1971, were 2,999,854.

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PRODUCERS' REPORT — MONTH OF APRIL, 1972

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Loss or Gain	Storage End of Month
3	Ash Creek	3	39	1,193		925		307
1	Bainville	1	2,499	3,069		2,362		3,206
5	Bannatyne	5		1,000	1,000			
3	Bear's Den	4	1,360	765		418		1,707
18	Bell Creek	297	25,025	480,728	480,269		5	25,479
1	Benrud	1	49	2,378	2,171			256
2	Benrud East	2	1,868	11,649	11,635			1,882
1	Benrud Northeast	1	799	2,150	2,150			799
1	Berthelote	1	333	253	202			384
5	Big Wall	14	1,613	8,007	7,891			1,729
4	Blackfoot	5	1,304	2,413	3,175			542
5	Border	6	1,308	961		749		1,520
1	Bowes	44	7,428	10,274	10,916			6,786
1	Bradley	1	381	450	450			381
2	Brady	2	102	374	374			102
4	Brorson-Madison	4	1,639	3,576		3,972		1,243
5	Brorson-Red River	5	4,253	10,423		9,863		4,813
3	Brorson-Red River South	3	2,482	7,403		8,104		1,781
7	Brush Lake	7	1,690	22,371	22,284			1,777
2	Cabin Creek	90		273,292	273,292			
1	Canal	1	689	7,329		6,957		1,061
11	Cat Creek	51	3,030	18,010	17,711		39	3,290
1	Clark's Fork	1	6	261		189		78
1	Clark's Fork South	1	135	428		361		202
4	Conrad South	4	100	1,193	1,193			100
2	Cow Creek	2	159	889		637		411
2	Cow Creek East	3	758	38,454		38,600		612
1	Culbertson	1	784	850		850		784
3	Cupton	6	3,938	10,484		10,315		4,107
127	Cut Bank	859	54,400	401,024	398,230	949	32	56,213
—	Dean Dome		65					65
1	Deer Creek	1	444	1,051	464			1,031
—	Delphia		103					103
5	Devil's Basin	5	838	335				1,173
2	Dwyer	14	14,263	8,364	18,289			4,338
3	Elk Basin	49	746	131,990	131,732			1,004
5	Elk Basin Northwest	9	1,738	4,969	4,670			2,037
5	Fairview	9	9,352	38,194	16,486	23,333		7,727
2	Fertile Prairie	2	831	1,435		1,385		881
5	Flat Coulee	20	2,620	6,202	5,909			2,913
38	Flat Lake	52	5,406	46,093	47,569			3,930
6	Flat Lake South	6	1,135	7,949	7,845			1,239
1	Ft. Gilbert	2	263	23,738	23,802			199
1	Frannie	1		1,320	1,320			
6	Fred & George Creek	30	1,343	36,449	35,152			2,640
—	Gage		30					30
3	Gas City	17	4,383	22,264	16,971	3,078		6,598
2	Girard	2	1,408	2,785		2,452		1,741
11	Glendive	15	2,502	27,079	26,453			3,128
26	Goose Lake	34	4,612	32,758	32,002			5,368
8	Graben Coulee	14	5,074	3,128	947	1,763		5,492
3	Gypsy Basin	3	944	558	558			944
1	Hay Creek-Mission Canyon	1	56	669	695			30
2	Hay Creek-Red River	2	384	10,076	10,018			442
4	Hiawatha	4	2,204	6,213	6,085			2,332
—	Hibbard		472					472
1	Injun Creek	1	1,298	323				1,621
6	Ivanhoe	12	2,253	4,647	4,898			2,002
6	Jim Coulee	15	4,624	56,643	56,832		108	4,327
4	Keg Coulee	16	4,283	9,970	9,339			4,914
2	Keg Coulee North	2	602	396	415			583
1	Kelley	4	974	9,552	9,939			587
67	Kevin Sunburst	390	7,644	22,522	18,573	3,180	4	8,409
8	Laird Creek	10	807	3,327		3,315		819
3	Leary	3	1,815	9,056		9,388	26	1,457
1	Little Beaver	23		34,859	34,859			
2	Little Beaver East*	12	2,067	13,393	13,009			2,451
1	Little Wall Creek	1	347	1,709	1,819			237
2	Lodge Grass	2	1,041	1,262		1,292		1,011
3	Lonetree Creek	3	1,566	23,789		23,678		1,677
3	Lookout Butte (Coral Creek)	30	639	64,158	64,518			279
1	Mason Lake	1	401	290				691
2	Melstone	3	382	1,714	1,447			649
1	Mineral Bench	1	406	508	671			243
1	Miner's Coulee	1	107	509		509		107
11	Monarch	14	4,881	15,323	12,906	3,324		3,974
3	Mosser	3		580		580		
2	Otis Creek	2	244	3,022		2,302		964
6	Outlook	8	4,329	15,160	15,168			4,321
1	Outlook South	1	414	568				982
2	Outlook West	2	1,394	2,074	2,437			1,031
1	Pennel-Lookout Butte	112		154,992	154,992			
4	Pine	112	16,789	231,994	231,801			16,982
60	Pondera	264	4,221	22,737	22,690			4,268
8	Poplar	66	9,207	45,387	45,165		6	9,423
1	Poplar Northwest	1	1,543	162				1,705
—	Prairie Elk		1,535					1,535
3	Pritchard Creek	3	167	1,034	1,034			167
2	Putnam	2	300	3,358		3,271		387
4	Ragged Point	12	3,497	5,413	4,944			3,966
2	Rattlesnake Coulee	2	542	504	208			838
2	Reagan	41	436	17,795	17,703			528
1	Red Creek	18		11,668	11,668			
1	Red Fox	1	398	450	450			398
1	Redstone	1	488	1,552	1,443			597
1	Repeat	1	175	1,390		1,365		200
3	Reserve	4		7,180	7,180			
1	Richey	1	782	374	658			498
1	Richey Southwest	6	452	2,012	1,985			479
1	Rush Mountain	1	516	2,325	2,409			432
2	Salt Lake	3	761	3,723		3,707		777
4	Sand Creek	6	3,017	3,265	3,559			2,723
1	Snyder	4	243	962		947		258
7	Soap Creek	18	1,084	4,184		4,023		1,245
2	Spring Lake	2	1,165	2,544		1,712		1,997
1	Stensvad	2	2,314	25,156	25,214			2,256
11	Sumatra	75	14,655	102,886	101,752			15,789
5	Tule Creek	6	3,328	22,598		22,715		3,211
2	Tule Creek East	2	1,083	8,250		8,250		1,083
2	Tule Creek South	3	572	2,811		2,659		724
2	Vida	2	907	600	890			617
4	Volt	5	2,065	12,084	11,502			2,647
1	Weed Creek	1	306	1,543	1,524		1	324
3	Weldon	3	1,231	9,524	9,460			1,295
1	West Butte	1		2,112		2,112		
17	Whitlash	42	8,622	9,814	9,955			8,481
—	Whitlash West		485					485
3	Willow Creek North	3	1,115	2,261	2,288			1,088
2	Wills Creek South	2		2,827	2,827			
3	Wolf Springs	4	2,440	2,834	2,273			3,001
2	Woodrow	2	360	2,197	2,165			392
3	Wright Creek	3	1,651	999	352			2,298
—	Wildcat, Blaine Cty		157					157
—	Wildcat, Carbon Cty		310					310
1	Wildcat, Daniels Cty	1	834	621		675		780
1	Wildcat, Dawson Cty	1	946	8,616		8,800		762
2	Wildcat, Glacier Cty	4	1,325	971	1,074			1,222
1	Wildcat, Libery Cty	1	396			394	2	
1	Wildcat, McCone Cty	1	549	300		429		420
1	Wildcat, Richland Cty	1	739	15,784		15,343		1,180
2	Wildcat, Roosevelt Cty	2	514	1,925		1,711		728
1	Wildcat, Sheridan Cty	1	2,267	30,790		31,306		1,751
1	Wildcat, Toole Cty	1		206		206		
693	TOTAL	3,127	318,394	2,823,338	2,545,905	274,455	223	321,149

Total Oil Produced & Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1971	34,598,723	94,791	34,623,678	94,859
First Quarter, 1972	8,240,945	90,560	8,211,215	90,233
April, 1972	2,823,338	94,111	2,820,360	94,012

Oil In Storage	In Producers Field Tanks	In Transporters Storgae	In Refiners Storage ‡	Total Oil in Storage ‡
December, 1971	290,832	1,316,908	605,612	2,213,352
March, 1972	318,394	1,389,602	990,950	2,698,946
April, 1972	321,149	2,068,878	1,238,400	3,628,427

* Montana Oil Only
‡ Includes Wyoming Oil

TRANSPORTERS' MONTHLY REPORT — MONTH OF APRIL, 1972

	Storage First of Month	Oil Received By			Loss or (Gain)	Oil Shipped To			Storge End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—									
Western Crude Oil, Inc.			925				925		
BAINVILLE—Koch Oil Company			2,362				2,362		
BEARS'S DEN—Truck			418				418		
BELL CREEK—Pipeline	27,395	480,269					268,679	206,135	32,850
BIG WALL—									
Continental Pipeline Co.		10,178				10,178			
BLACKFOOT—									
Camerland Cardinal Corp.		3,175						3,175	
BORDER—Permian Corp.			749					749	
BOWES—Texaco Inc.		10,916				10,916			
BRORSON-MADISON, BRORSON-RED RIVER & BRORSON-RED RIVER SOUTH—									
Koch Oil Company			21,939					21,939	
BRUSH LAKE—									
Portal Pipeline Co.		22,251					22,251		
CABIN CREEK & OTHERS*—									
Butte Pipeline Co.	379,569	669,578	44,867	672,192			1,371,861		394,345
Shell Pipeline Co.	3,170	288,586			(1,158)			289,598	3,316
	382,739	958,164	44,867	672,192	(1,158)		1,371,861	289,598	397,661
CANAL—									
Koch Oil Company			6,957				6,957		
CAT CREEK—									
Continental Pipeline Co.		15,381				15,381			
CLARK'S FORK AND CLARK'S FORK SOUTH—									
Permian Corp.			550				550		
COW CREEK AND COW CREEK EAST—									
Western Crude Oil, Inc.			39,237				39,237		
CULBERTSON—									
Spruce Oil Co.			850				850		
CUT BANK—									
Continental Pipeline Co.		531,952	10,106						542,058
Phillips Petroleum Co.	44,852	151,963		8,977	843	113,399		39,998	51,552
Texas Pipeline Co.	19,887	47,432		52,379	156			92,471	27,071
Union Co.	52,425	55,029			221	32,696			74,537
Western Oil Trans. Co.		39,759						39,759	
Western Oil Trans. Co. (Moulton)		108,638						108,638	
	117,164	934,773	10,106	61,356	1,220	146,095		280,866	695,218
DWYER—Portal Pipeline Co.		18,145					18,145		
ELK BASIN & ELK BASIN NORTHWEST—Marathon Pipeline		135,852				135,852			
FAIRVIEW—									
Fairview Pipeline Co.		16,486					16,486		
Koch Oil Company			23,333				23,333		
		16,486	23,333				39,819		
FLAT COULEE—									
Camerland Cardinal Corp.		5,697				5,697			
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		50,889					50,889		
FT. GILBERT—									
Fairview Pipeline Co.		23,800					23,800		
FRANNIE—Interstate Pipeline Co.		1,320					1,320		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	8,153	38,038				23,897			22,294
GIRARD—									
Koch Oil Company			2,452				2,452		
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	6,120	26,815			(1,106)			25,207	8,834
GOOSE LAKE—									
Portal Pipeline Co.		29,108					29,108		
HAY CREEK—									
Fairview Pipeline Co.		10,713					10,713		
HIAWATHA—									
Continental Pipeline Co.		6,085					6,085		
IVANHOE—									
Continental Pipeline Co.		4,898				4,898			
JIM COULEE—									
Continental Pipeline Co.		56,850						56,850	
KEG COULEE & KEG COULEE NORTH—									
Continental Pipeline Co.		9,754				9,754			
KELLEY—									
Continental Pipeline Co.		9,939				9,939			
KEVIN SUNBURST—									
Big West Oil Co.	5,035	34,893				33,287			6,641
Homestake Oil & Gas Co.	2,867	1,524				825		1,230	2,336
Texas Pipeline Co.	13,156	7,867			598			7,367	13,058
	21,058	44,284			598	34,112		8,597	22,035
LEARY—Permian Corp.			9,388				9,388		
LODGE GRASS—									
Permian Corp.			1,292			1,292			
MELSTONE—									
Continental Pipeline Co.		1,447				1,252	195		
MIDDLE WALL**—									
Continental Pipeline Co.		10,481						10,481	
MOSSER—Permian Corp.			580				580		
OTIS CREEK—									
Western Crude Oil, Inc.			2,302				2,302		
OUTLOOK, OUTLOOK SOUTH & OUTLOOK WEST—									
Portal Pipeline Co.		17,603					17,603		
PONDERA—									
Phillips Petroleum Co.	22,523	25,683			80	10,841			37,285
POPLAR, BENRUD, BENRUD EAST, RED FOX, REDSTONE—									
East Poplar Gathering System	19,332	67,008			2,415			72,634‡	11,291
PUTNAM—									
Western Crude Oil, Inc.			3,271				3,271		
RAGGED POINT—									
Continental Pipeline Co.		4,944				4,692	252		
RED CREEK—									
Western Oil Transportation Co.		13,037						13,037	
RESERVE—Portal Pipeline Co.		7,158					7,158		
RUSH MOUNTAIN—									
Sinclair Ref. Co.		2,409					2,409		
SALT LAKE—									
Koch Oil Company			3,707				3,707		
SNYDER—Permian Corp.			947			947			
SOAP CREEK—Permian Corp.			4,023				4,023		
SPRING LAKE—									
Koch Oil Co.			1,712				1,712		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	780,303	119,938		2,539,861	(813)	113,551		2,490,884	836,480
TULE CREEK—									
Spruce Oil Co.	4,815		30,965			30,850			4,930
Permian Corp.			2,659			2,659			
	4,815		33,624			33,509			4,930
WEED CREEK & WOLF SPRINGS									
Continental Pipeline Co.		3,797				3,797			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		10,838				6,584		4,254	
WILDCAT WELLS—Truck			58,864				58,864		
TOTAL	1,389,602	3,208,123	274,455	3,273,409	1,236	583,184	2,007,885	3,484,406	2,068,878

* Cabin Creek, Cupton, Fertile Prairie, Gas City, Monarch, Repeat, Richey, Richey Southwest, Vida, Weldon & Wills Creek South
** Little Wall Creek & Willow Creek North
‡ Transferred to Butte Pipeline Company

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF APRIL, 1972

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Spruce Oil Co.	Westco Ref. Co.	Total
Big Wall		10,178								10,178
Bowes			15,572							15,572
Cat Creek		1,999								1,999
Cut Bank	16,073						91,058		27,842	134,973
Elk Basin		52,653		43,771	39,428					135,852
Flat Coulee									5,697	5,697
Fred & George Creek	23,897									23,897
Ivanhoe		4,898								4,898
Keg Coulee		1,284		8,470						9,754
Kelley					9,939					9,939
Kevin Sunburst	34,112									34,112
Lodge Grass		1,292								1,292
Melstone				1,252						1,252
Pondera							20,055			20,055
Ragged Point				4,692						4,692
Snyder		947								947
Sumatra & Stensvad		26,629		61,708	25,214					113,551
Tule Creek								65,564		65,564
Weed Creek					1,524					1,524
Whitlash							8,977			8,977
Wolf Springs					2,273					2,273
Total Montana Oil	74,082	99,880	15,572	119,893	78,378		120,090	65,564	33,539	606,998
Canadian Oil Imported		552,082		210,379	171,014					933,475
Wyoming Oil Imported		816,222		211,555	923,224					1,951,001
Total Montana, Canadian & Wyoming Oil	74,082	1,468,184	15,572	541,827	1,172,616		120,090	65,564	33,539	3,491,474

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1971	25,375	29,993	67,911	123,279
April, 1971	24,156	24,086	65,103	113,345
April, 1972	20,233	31,116	65,033	116,382

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1971	20.58%	24.33%	55.09%
April, 1971	21.31%	21.25%	57.44%
April, 1972	17.38%	26.73%	55.89%